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TID/PB - 143/67
30 November 1967

MEMORANDUM FOR THE RECORD

SUBJECT: Site Considerations for the [] High Precision Stereo Comparator

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1. A meeting was held in the office of the Chief, Logistics Branch, Support Staff, on 21 November 1967 to discuss the site requirements for the high Precision Stereo Comparator. Those personnel in attendance were:



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2. [] Logistics Branch, and [] consultant, visited [] on 20 November to discuss the technical considerations in preparing a site for the High Precision Stereo Comparator within NPIC. The results of their discussion and deliberation with [] personnel prompted the decision to review the proposed site location within TID immediately upon their return.

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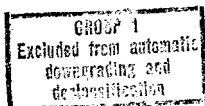
3. As stated [] several factors have now come to light that represent major changes in the physical specifications of the High Precision Stereo Comparator. He summarized them as follows:

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a. The instrument weight is now recording as 28,000 lbs. representing a 40% increase over that of previous specifications.

b. The weight of the heaviest single component of the instrument (6,800 lbs.) cannot be accommodated by our freight elevators. Therefore, it would be necessary to vertically lift this component by some other mechanical means.

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c. The instrument and its supporting components will tax the capacity of the designed load limits for the second floor area []

d. In view of the additional weight, the vibration data that has been obtained thus far can no longer be considered valid. In all probability, the magnitude of the vibrations will be amplified by the increased floor load.

e. Due to increased thickness in the supporting granite slab, adequate vertical clearance for the instrument on the second floor is suspect.

f. Instead of the two bay areas that had been originally earmarked for site preparation, three bays will be needed to house the instrument and its supporting components.

4. Compounding these factors [] indicated a forced evacuation of the present second floor instrument area would be necessary during the six - nine months of site preparation. This period of inactivity within TID/PB was viewed as unrealistic by the TID representatives at the meeting. Moreover, the cost of site preparation would be proportionately higher due to the physical constraints associated with the second floor location.

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5. [] strongly recommended that the instrument be located in an area prepared on the first floor level []
[] In view of the overwhelming advantages inherent in this location, the TID representatives at this meeting fully endorsed the recommendation for the site to be located on the ground level

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CENTER ROUTING SLIP

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TO		INITIALS	DATE	REMARKS
DIR				
DEP/DIR				
EXEC/DIR				
TECH ADV				
SPECIAL ASST.				
CH/SS	2			Attn: Logistics Br.
ASST FOR P&M				ED - See []
ASST FOR OPS				[] memo
ASST FOR PA				also attached.
ASST FOR TD				wh
CH/CSD				
CH/IPD				
CH/PD				
CH/PSD				
CH/TID	1			S. J. 30 Nov 67
				RSP 30 Nov.
CH/IAS/DDI				
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CH/DIA/AP-IP				
CH/SPAD				
LO/CGS/CIA				
LO/NSA				

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